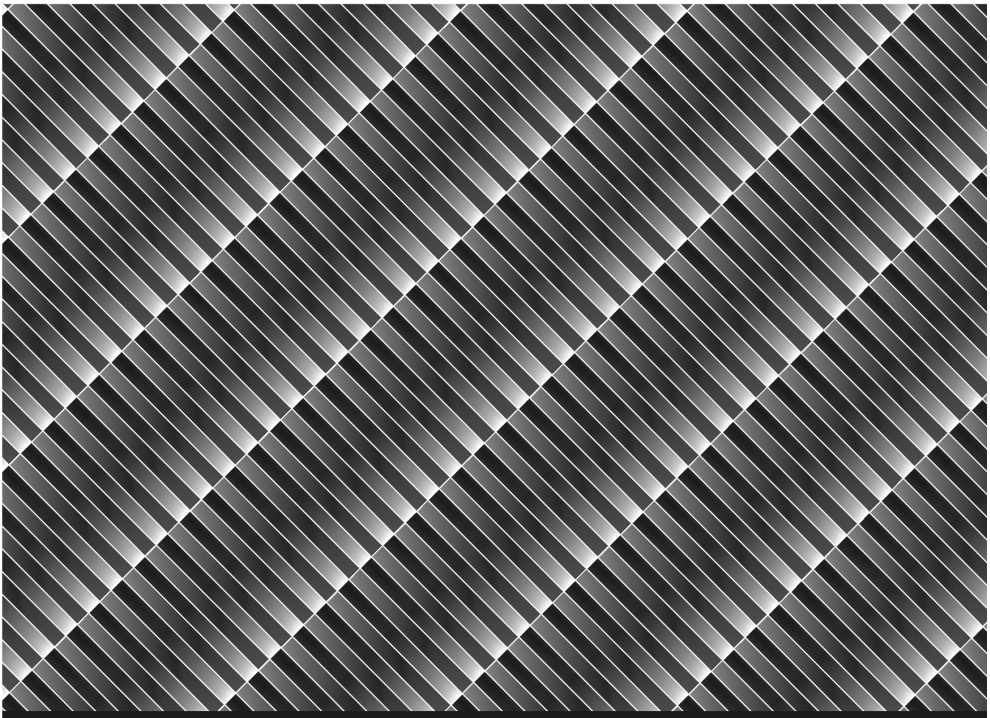

AG neovo

A Different Class Of Display

E-Series LCD Display

User Manual

www.agneovo.com

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Notice

- The product specifications and other information provided in this Users Manual are for reference only. Provided information was correct at time of print. All information is subject to change without notice. Updated content can be downloaded from our web site at http://www.agneova.com.
- To register online, please go to http://www.agneovo.com.
- To protect your rights as a consumer, do not remove any stickers from this product. Doing so may affect the determination of the product's warranty period.

Installation

- Do not cover or block the ventilation holes in the housing.
- Do not place the monitor near a heat source, such as a space heater or exhaust vent, nor in direct sunlight.
- Do not place this device in any location subject to vibration or other physical shocks.

Warning on power connection

- Use an appropriate power cord to connect the monitor to a power outlet.
- The outlet should be installed near the monitor and be easily accessible.
- Do not allow anything to rest on the power cord.
- Disconnect the power plug from the power outlet in the following circumstances:
  - If you will not use the monitor for an indefinite period time.
  - When the power cord or plug is damaged of frayed.
  - If the product has been dropped or the housing has been damaged.
  - If the product exhibits a distinct change in performance, indicating a need for service.

Maintenance

- Clean the housing, glass panel and controls with a soft cloth lightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent, such as alcohol or benzene.
- Do not rub, touch, or tap the surface of the screen with sharp or abrasive items such as a pen or screwdriver. This type of contact may result in scratching the surface of the glass.
- Do not insert sharp objects or spill liquid into the monitor through ventilation holes. This may cause accidental fire, electric shock or failure of the device.
- Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltages or other risks.

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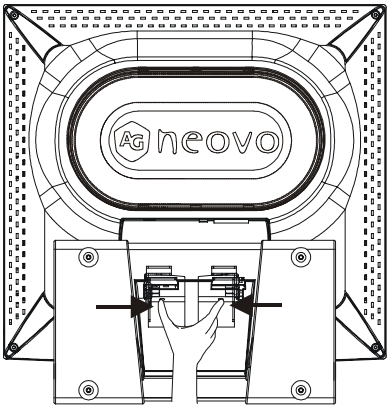
Transportation

When you transport this monitor for repair or shipment, use the original carton and packing materials.

Retracting the base stand

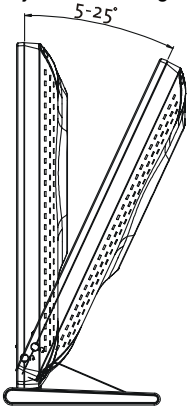
If you want to bend up the base to 90 degrees for transportation, please push the 2 metal pillars on the bottom of base and fold to 90 degrees as shown in the illustration below.



The maximum tilt angle of the monitor is 25°; the monitor can not be pushed down any further when the tilt angle is at the 25° position.

Adjusting Your LCD display Viewing Angle

You can adjust your LCD display between 5°~25° by holding the top of the panel with both hands and pushing back and forth to adjust the viewing angle to the desired angle.



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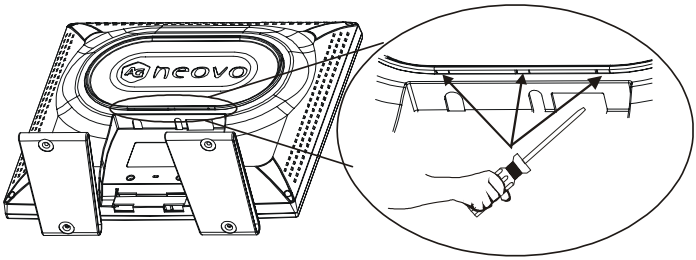
Wall mounting

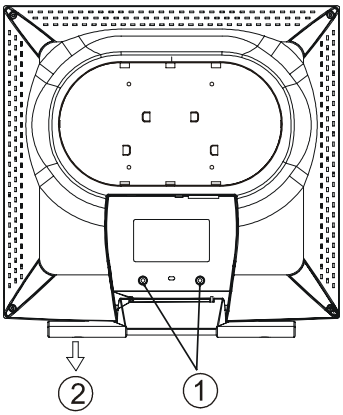
If you want to mount your LCD display on the wall, please follow the steps described below using the wall mount kit or arm..

First, remove rear cover

Insert a coin or flat screwdriver into the rear cover slot and pull out the rear cover.



Second, unlock base assembly



1. Unlock two screws
2. Remove base assembly

Third, mount arm or wall mount kit on the rear side.

AG Neovo wall-mountable products (wall mount kit, WMK series) are recommended.

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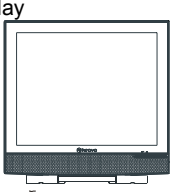
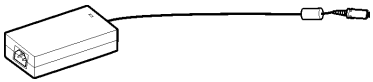
Unpacking Your LCD Display

After you have unpacked your LCD display, make sure that the following items are included in the package.

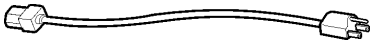
- LCD display



- Adaptor
  E-17: Must use one of the following adaptors: **Linearity** LAD6019AB4, LAD6019AB5 or **Li Shin** LSE9901B1260, 0217B1250.
  E-19: Must use one of the following adaptors: **Linearity** LAD6019AB4, LAD6019AB5 or **Li Shin** LSE9901B1260, 0218B1255.



- Power cord



- D-sub 15-pin VGA cable

- DVI-D digital cable ***(Optional)***

- Audio cable

- CD-ROM (containing Windows information file and user's manual)

- Quick Guide

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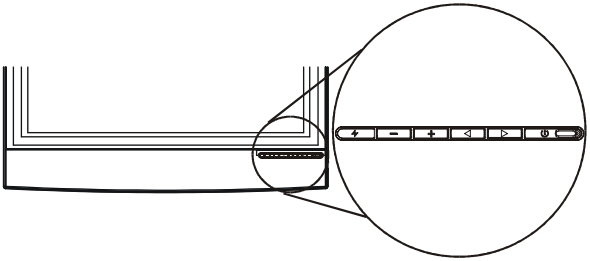
Control Buttons



Front View

ON/OFF Button

Push once to turn your LCD display ON and push again to turn it OFF.

Power LED

The power LED will turn to green under normal operation and orange when in standby mode.

The auto adjustment function will automatically tune your LCD display to the optimal performance, including screen size, color, brightness and contrast.

We recommend that you use the auto adjustment function for the first time use, after resolution or frequency change.

The Auto button also closes the OSD.

Move LEFT

Call out OSD menu.

Select OSD menu features from right to left, and bottom to top.

Move RIGHT

Call out OSD menu.

Select OSD menu features from left to right, and top to bottom.

Increase

Increases the volume and navigates within the display.

Decrease

Decreases/mutes the volume and navigates within the display

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Installation

Connecting LCD Display to PC (Analog)—

1. Remove all the packages from the panel.
2. Place your LCD display in a suitable place. Make sure that there is enough space for adjustment, especially the rear of the panel.
3. Turn off your PC and connect the D-sub 15-pin VGA cable included in the package to the VGA port on your PC.
4. Connect the adaptor to the Adaptor IN socket at the back of your LCD display.
5. Connect one end of the power cord to a power source and another end to the adaptor.
6. Turn on your PC.
7. Turn on your LCD display. If the power LED is yellow and there is no display on the screen, please refer to the Warning Messages and Troubleshooting Guide in the User Manual.
8. Change the display resolution to 1280X1024 pixels at 60Hz from your PC, and then push the AUTO button on the panel. The panel will automatically tune to the optimal performance.

Connecting LCD Display to a Digital Source (Digital, DVI)—

1. Turn off the PC and connect one end of the DVI-D digital cable included in the package to the DVI port at the back of the panel and another end to digital out on your VGA card.
2. Repeat steps 4-8 of the previous section.

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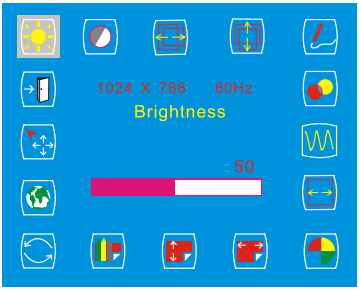
Adjusting Your LCD Display

In the OSD menu, you will find all kinds of features to help you adjust your LCD display to the optimal performance.

Important!	**Though manual adjustment of the LCD display is available, we strongly recommend that you use the panel's auto adjustment function. This will automatically tune your LCD display to the optimal performance. Simply push the AUTO button to enable the auto adjustment function. Additionally, we recommend that you use the auto adjustment function every time after you have changed the resolution or frequency of your display.**

Selecting OSD Features

1. Push ◁, ▷ button to call out the OSD window.
2. Push ◁ or ▷ button to select a feature.
3. Then push + or − button to adjust the value of the selected feature.



Brightness & Contrast /

- Select Brightness and Contrast in the Display Adjust menu.
- Push + and − button to adjust value between 0 and 100; reading will display at the bottom of the OSD window.

Horizontal & Vertical Position /

- Select H-position and V-position in the Display Adjust menu.
- Push + and − button to adjust value.

Sharpness

- Select Sharpness to adjust sharpness of display.
- Push + and − button to adjust value between 0 and 100.

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OSD Transparency

- Select Transparency OSD in the OSD Adjust menu to adjust the transparency of OSD window.
- Push [+] and [−] button to adjust value between 0 and 100.

Phase & Clock /

- Select Clock and Phase in the Display Adjust menu to modify the distortion of video signal.
- Push [+] and [−] button to adjust value.

Color Temperature

Select Color Temperature

We recommend that you select different color temperature options for different purposes as shown below.

Option	Use
9300K	General Use
6500K	Color Management
USER	User color setting
Auto Color	Auto adjust to best ADC gain value.

- Push [◁] and [▷] button to choose 9300K, 6500K, User or Auto Color.
- You can select USER in the color temperature menu to fine-tune the red/green/blue picture settings according to your preference or specific application.
- Push [+] and [−] button to adjust value between 0 and 100.

Horizontal & Vertical OSD Position /

- Select OSD Position in the OSD Adjust menu to adjust OSD window position according to your preference.
- Push [+] or [−] button to move OSD window to a desired position.

Graphic / Text

- If you want to choose the sharpest automatic display, set Mode Text/Graphic.
- Push [+] and [−] button to switch between TEXT and GRAPHIC mode.

Attention!	**For optimal performance of your LCD display, set mode to TEXT when the resolution is 720x400 or 720x350 pixels and to GRAPHIC when the resolution is at 640x350 or 640x400 pixels.**

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Recall

- Select Recall to reset all features to default settings.
- Push + and − button to Recall.

Language

- Select Language in the OSD Adjust menu to choose a desired language for the OSD.
- Push + and − button to select; options are displayed at the bottom of the OSD window.

Auto and Input Select

- Select Auto &Input Set
- Press − button to choose Auto Adjustment, Use Analog Input or Use Digital Input.
- Press + button to operate the selected function.

The Auto Adjustment function lets you adjust the display size, clock and phase to obtain the best viewing settings. This process will take 3 ~ 5 seconds to complete.

Attention :	**After Auto Adjustment, the display may display the wrong position or size if it has received a pattern which has no screen border. You may select either Analog or Digital Input video when VGA input and/or DVI Input is/are available.**

Exit

Select EXIT from the menu to exit the OSD menu.

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Warning Messages

When a warning message appears on the screen, check the following items to locate the problem affecting your LCD display.	
NO SIGNAL INPUT	When no input signal is detected from any input ports. • Check if your PC or video source is ON. • Check if the signal cable is correctly connected. • Check if any pin inside the connector is twisted or broken.
NO VIDEO SIGNAL FROM ANALOG INPUT	No signal is detected from ANALOG port. • Check if your PC is ON. • Check if the D-Sub 15-pin cable is correctly connected to the ANALOG port at the back of your LCD display. • Check if the D-Sub 15-pin cable is correctly connected to your PC. • Check if any pin inside the D-Sub 15-pin cable connector is twisted or broken.
NO VIDEO SIGNAL FROM DIGITAL INPUT	No signal is detected from DIGITAL port. • Check if your PC is ON. • Check if the DVI cable is correctly connected to the DIGITAL port at the back of your LCD display. • Check if the DVI cable is correctly connected to your PC. • Check if any pin inside the DVI cable is twisted or broken.

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Troubleshooting Guide

Symptoms	Check
• No display • Power LED is off	• Check if the power of your LCD display is ON. • Check if the adaptor is correctly connected to your LCD display. • Check if the power cord is correctly connected to the adaptor. • Check if the power cord is correctly connected to a power source. • Check if the power source works normally. Use another device to check for power supply.
• No display • Power LED is amber	• Check if your PC is in standby mode (move the mouse or push any key to wake up your PC). • Check if your PC or video source is ON. • Check if the signal cable is correctly connected.
• Blurred text display	• Check if the resolution is set at 1280x1024. • Push button to enable auto adjust. • Adjust Clock and Phase in the OSD Display Adjust menu. (See Adjusting Your LCD display section of this manual for details.) • Adjust Sharpness from the OSD menu if the resolution is not at 1280x1024. (See Adjusting Your LCD display section of this manual for details.)
• No center screen • Missing lines	• Push button to enable auto adjust. • Adjust H-Position and V-Position. (See Adjusting Your LCD display section of this manual for details.)
• Red, green, blue or black spots on the screen	• There are millions of micro transistors on a TFT LCD display. Each damaged transistor will lose a red, green or blue spot. We accept a very small quantity of damaged transistors during the manufacturing process. The globally accepted tolerance is 3 spots.

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Specification

19”		
Panel	Size	19’’ (480 mm) diagonal
	Resolution (max.)	1280 x 1024
Input Signal	Frequency	Horizontal: 24kHz – 80kHz, Vertical: 49Hz - 75Hz
	Pixel Clock (max.)	135 MHz
Connector	Power Supply	3-Pin AC Plug
Swivel Range	Adjustable	5º - 25º
Weight	Net	7.3 Kg (16.1 lb)
Power	AC	100 ~ 240V, 50 ~ 60 Hz
	Consumption	< 50 W (ON) < 2 W (Standby) < 1 W (OFF)

17”		
Panel	Size	17.0" (431.8mm) diagonal
	Resolution (max.)	1280 x 1024
Input Signal	Frequency	Horizontal: 24kHz - 80kHz Vertical: 49Hz - 75Hz
	Pixel Clock (max.)	135MHz
Connector	Power Supply	3-Pin AC Plug
Swivel Range	Adjustable	5º - 25º
Weight	Net	6.15 Kg (13.3 lb)
Power	AC	100 ~ 240V, 50~60Hz
	Consumption	< 40 W (ON) < 2 W (Standby) < 1 W (OFF)

*The above specifications are subject to change without notice.

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This FCC Class-B compliant digital device complies with the Interference-Causing Equipment Regulations of Canada.

FCC Declaimers

This device complies with Section 15 of the FCC listing. The operation procedures must meet the following conditions: (1) this device must not cause any damaging interference; and (2) this device must accept any received interference, including any unpredictable interference that may possibly occur.

Dear users,

This device has passed the Class B digital device regulations and complies with Section 15 of the FCC listing; these are intended to provide reasonable warranty against damaging interference for home use. This device will produce, use and emit radio frequency energy; therefore, installation or use without following the instructions given may cause damaging interference to radio communication. Nonetheless, it is not possible to state with certainty that interference will occur from specific installations. If this device has caused damaging interference to radio or TV signals (simply turn the device on and off to check if such interference is caused by the device), we recommend that you fix the interference using the following methods:

- Readjust the direction or location of the antenna.
- Increase the distance between this device and the receiver.
- Use a different power source other than the power source used by the receiver.
- Consult your local dealer or an experienced radio/TV technician.

Warning:	**The making of changes or modifications to the device without permission from an authorized dealer may void the warranty of this device.**

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WEEE

Information for users applicable in European Union countries

The symbol on the product or its packaging signifies that this product has to be disposed separately from ordinary household wastes at its end of life. Please kindly be aware that this is your responsibility to dispose electronic equipment at recycling centers so as to help conserve natural resources. Each country in the European Union should have its collection centers for electrical and electronic equipment recycling. For information about your recycling drop off area, please contact your local related electrical and electronic equipment waste management authority or the retailer where you bought the product.

Hg

Lamp Disposal

LAMP(S) inside this product contain mercury and must be recycled or disposed of according to local, state or federal laws. For more information, contact the electronic industries alliance at **www.eiae.org** for lamp specific disposal information check **www.lamprecycle.org**.

Vermont Hg directive

Title 10: Conservation and Development
Chapter 164: COMPREHENSIVE MERCURY MANAGEMENT
§ 7106. Labeling of mercury-added products

Contains Mercury, Dispose of Properly

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